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## MicroPatent® MPI Legal Status Report (Single Patent)

### 1. JP4198121A 19920717 COMPOSITION FOR ORAL CAVITY

**Assignee/Applicant:** NIHON ZETOTSUKU KK**Inventor(s) :** HIRAI TAICHIRO ; IDA IKUFUMI ; MATSUDA HIDETAKA**Priority (No,Kind,Date) :** JP32711290 A 19901128 X**Application(No,Kind,Date):** JP32711290 A 19901128**IPC:** 5A 61K 7/26 A**Language of Document:** NotAvailable**Abstract:**

PURPOSE: To obtain a composition for oral cavity maintaining high stability in the case of being packed into a container having an inner face made of a synthetic resin by blending a composition containing hinokitiol and/or guaiazulene with a readily water-soluble inorganic salt.

CONSTITUTION: A composition comprising ordinary composition components for oral cavity, hinokitiol or guaiazulene or hinokitiol and guaiazulene is blended with 0.1-50wt.%, preferably 0.5-50wt.% based on the total amounts of the composition of a readily water-soluble inorganic salt. Sodium chloride, potassium chloride, sodium hydrogencarbonate, potassium hydrogencarbonate, disodium hydrogenphosphate, sodium dihydrogenphosphate, dipotassium hydrogenphosphate, potassium dihydrogenphosphate, sodium sulfate and potassium sulfate are preferable as the readily water-soluble inorganic salt.

**Legal Status:** There is no Legal Status information available for this patent

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### 2. JP7133214A 19950523 GARGLE

**Assignee/Applicant:** NIHEI MITSUYOSHI ; WATANABE TATSUJI**Inventor(s) :** WATANABE TATSUJI**Priority (No,Kind,Date) :** JP24758093 A 19930908 X**Application(No,Kind,Date):** JP24758093 A 19930908**IPC:** 6A 61K 7/16 A**Language of Document:** NotAvailable**Abstract:**

PURPOSE: To provide a gargle containing hinokitiol known as a food additive as an active component and effective as a countermeasure for controlling resistant microorganisms such as MRSA and resistant tubercule bacillus.

CONSTITUTION: This gargle contains hinokitiol (a tropone-type natural component of trees such as Aomori cypress and Formosa cypress) as a main component. It is used in hospital, aged man home and ordinary home to clean the mouth and throat by holding in the mouth. It is a new gargle having extremely high satisfactoriness. The gargle can be produced by dissolving hinokitiol in a water-soluble liquid. It exhibits remarkable antibacterial action to kill or inhibit the growth of pathogenic bacteria resistant to antibacterial agent.

**Legal Status:** There is no Legal Status information available for this patent

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### 3. JP3271215A 19911203 DRUG-CONTAINING GRANULE AND DENTIFRICE CONTAINING THE SAME

**Assignee/Applicant:** KAO CORP**Inventor(s) :** MAEDA AKITSUGU

**Priority (No,Kind,Date) :** JP7115490 A 19900320 X

**Application(No,Kind,Date):** JP7115490 A 19900320

**IPC:** 5A 61K 7/16 A

**Language of Document:** NotAvailable

**Abstract:**

**PURPOSE:** To obtain a granule having a prescribed size and strength by blending a water-insoluble inorganic binder and a drug effect ingredient for the oral cavity with other ingredients.

**CONSTITUTION:** The objective substance obtained by blending a water- insoluble inorganic binder (e.g. colloidal silica or synthetic aluminum silicate) with a drug effect ingredient for the oral cavity (e.g.  $\beta$ - glycyrrhetic acid or vitamin E) and preparing a granule having 50- 500 $\mu$ m grain diameter and a strength disintegrating when a load of 0.1- 10g based on one granule is applied according to a spray, extrusion granulating method, etc. Although the granule can be also blended with a cream, ointment, etc., 1-50wt.% granule is preferably blended in a dentifrice to prepare a dentifrice capable of making the drug effect ingredient directly act on gaps between teeth or teeth and gingivae which are favorite localizations of dental caries or periodontosis.

**Legal Status:** There is no Legal Status information available for this patent

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